

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/08696

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 38/19; C12P 21/02; C12N 5/06; C07H 21/04, 14/765; C07K 14/52, 14/54  
US CL : 514/12; 435/69.1,320.1, 325; 530/351,363, 536/23.5

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
U.S. : 514/12; 435/69.1,320.1, 325; 530/351,363, 536/23.5

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
Please See Continuation Sheet

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2004/0063635 A1 (YU et al.) 01 April 2004 (01.04.2004), especially examples.	1-25
X	US 6,689,607 B2 (NI et al.) 10 February 2004 (10.02.2004), examples and claims	1-25
X	WO 01/79442 A2 (HUMAN GENOME SCIENCES, INC. ) 25 October 2001 (25.10.2001), entire document.	1-25

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

### \* Special categories of cited documents:

"A"	document defining the general state of the art which is not considered to be of particular relevance	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E"	earlier application or patent published on or after the international filing date	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O"	document referring to an oral disclosure, use, exhibition or other means	"&"	document member of the same patent family
"P"	document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search

13 September 2004 (13.09.2004)

Name and mailing address of the ISA/US

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Date of mailing of the international search report

15 OCT 2004

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Continuation of Item 4 of the first sheet:

Title is too long containing more than 15 words, see PCT Rule 6.4(a). Therefore, the suggested new title is:

"HUMAN SERUM ALBUMIN CONJUGATES WITH THERAPEUTIC COMPOUNDS"

Continuation of B. FIELDS SEARCHED Item 3:

WEST, STN, MEDLINE

search terms: albumin, human, fusion, conjugate, optimize, half life, recombinant fusion protein, therapeutic, vaccine, biological agents , cytokines,